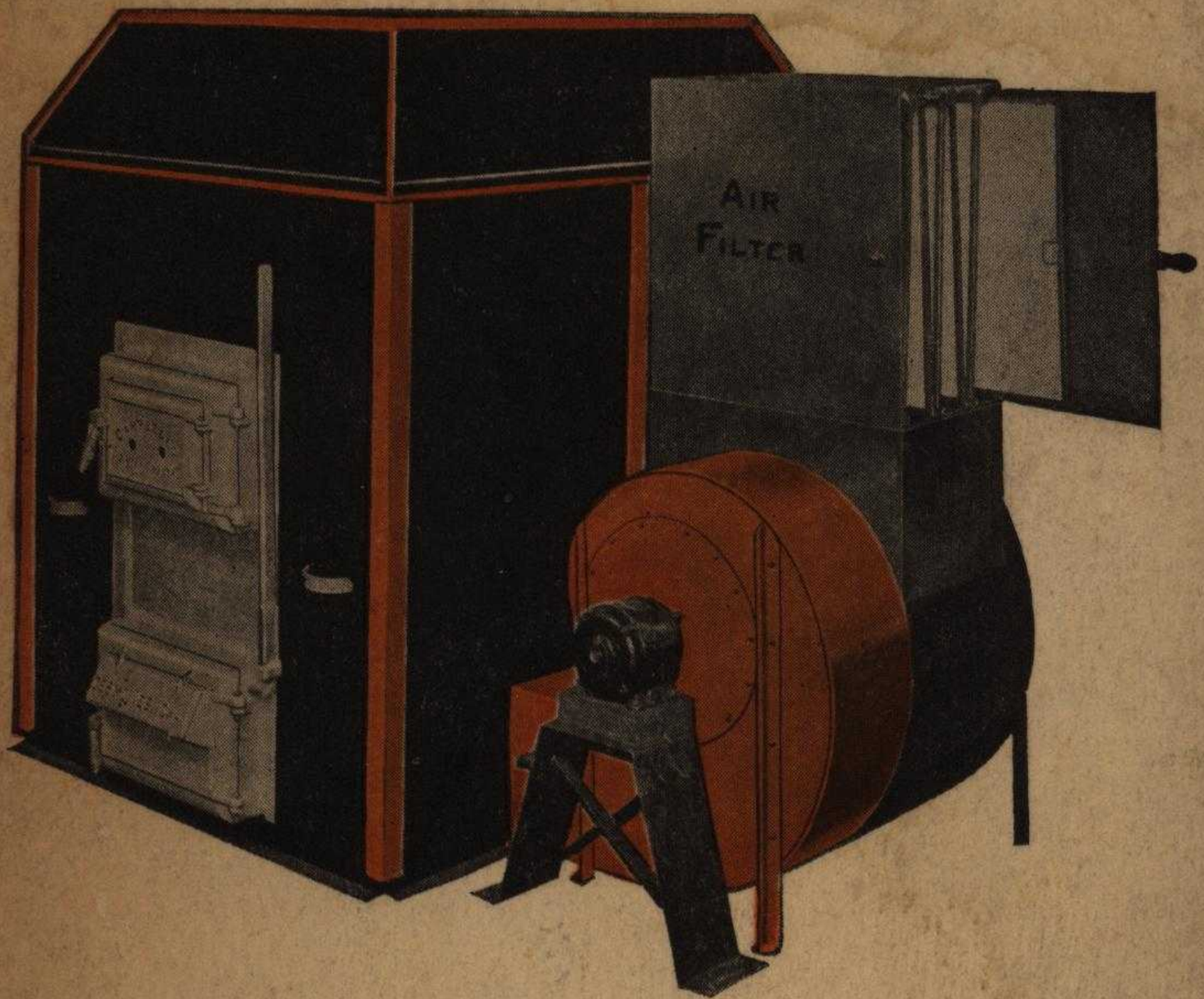

Campbell's "Winter-Chaser" Air Conditioning Blower Unit

Now the Famous

CAMPBELL FAN SYSTEM
"WINTER CHASER" FURNACE
combined into an
AIR CONDITIONING UNIT
for Residences

Can be installed at a cost no greater than a good gravity job on account of saving in size of furnace pipes and registers.

Furnace absolutely all one piece. Easily and quickly set up, requiring about an hour, including casing.

Furnace double welded—welding guaranteed forever. Winter Chaser furnaces have been welded since 1923 which experience assures welds stronger than the steel plates.

Winter Chaser furnaces are guaranteed for 10 years unqualifiedly. (See other sheet.)

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[redacted] blower (not simply a fan). [redacted] quiet and efficient. Ratings guaranteed.

Electrically operated by-pass, can't fail to work under any conditions. FOR $7.00 EXTRA.

Automatic Drip Humidifier.

Air filter easily replaced with no oil or muss.

Automatic operation of blower.

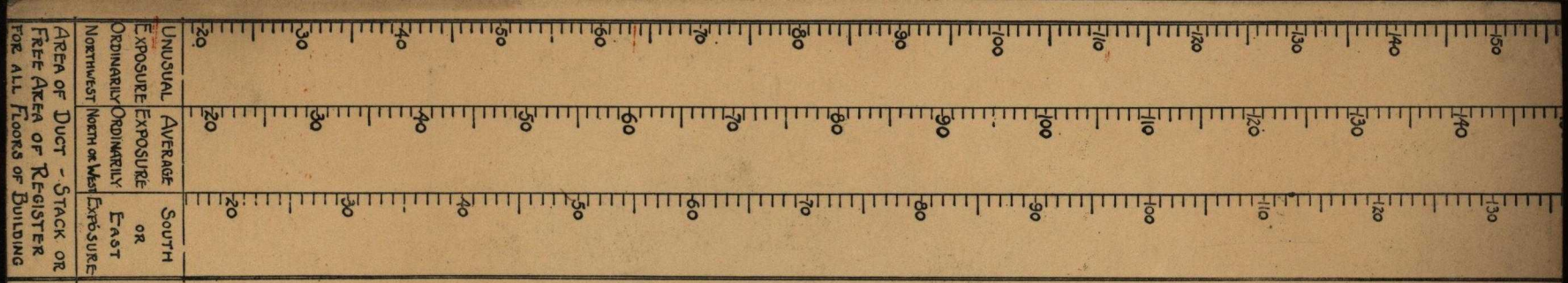
Either round pipes or rectangular trunk ducts easily connected to hood.

Any number or shape cold air ducts easily connected to blower.

Hood and casing with rock wool insulation shipped knocked down but very easily assembled.

Campbell Fan System for large buildings such as churches and schools can handle as high as 2,000,000 B. T. U. per hour with a single unit. Write for information or send plans for estimates.

Blowers to convert old gravity jobs to fan jobs same price as listed on reverse side.


AREA OF DUCT - STACK OR FREE AREA OF REGISTER FOR ALL FLOORS OF BUILDING
UNUSUAL EXPOSURE NORTHWEST
AVERAGE EXPOSURE ORDINARILY NORTH OR WEST
SOUTH OR EAST EXPOSURE ORDINARILY
20 30 40 50 60 70 80 90 100 110 120 130 140 150
20 30 40 50 60 70 80 90 100 110 120 130 140
20 30 40 50 60 70 80 90 100 110 120 130

Prices and Ratings of Campbell's "Winter Chaser" Air Conditioning Blower Units

Unit No.	Inside Firebox Diam. Inches	Grate Area Sq. In.	Rect. Casing Size Inches	Height Casing Over All Inches	Approximate Cu. Ft. Space in Thousands			Sq. In. Duct Blower System at 240 B.T.U. per hour
					Two-Story Residence	One-Story Residence	Churches	
924	24"	314	48 x 48	66	5 to 12	4 to 10	10 to 16	370
927	27"	415	48 x 54	66	12 to 16	10 to 13	16 to 20	470
930	30"	531	48 x 60	66	16 to 20	13 to 16	20 to 26	580

Normal Rating B. T. U. per hour	Certified C. F. M. of Blower at 1/8" S. P.	List prices subject to trade discount Blower and (Furnace Sold Only as Complete Unit--Blowers Sold Separat						
		COMPLETE UNIT Including Furnace, Blower Motor, Drive, Casing, Automatic Humidifier, and Blower Control	Add for Air Filter	Add for 3 Speed Motor	Add for Electric By-Pass	Add for Draft Thermostat	Blower, Motor, and Drive Alone	Duc[illegible] Blower Control Alone
98,000	1,000	$380.00	$70.00	$40.00	$14.00	$60.00	$150.00	$23.00
122,000	1,500	420.00	90.00	40.00	14.00	60.00	160.00	23.00
142,000	2,000	460.00	110.00	40.00	14.00	60.00	170.00	23.00

Write for Quantity and Car Load Discounts.

Guarantee

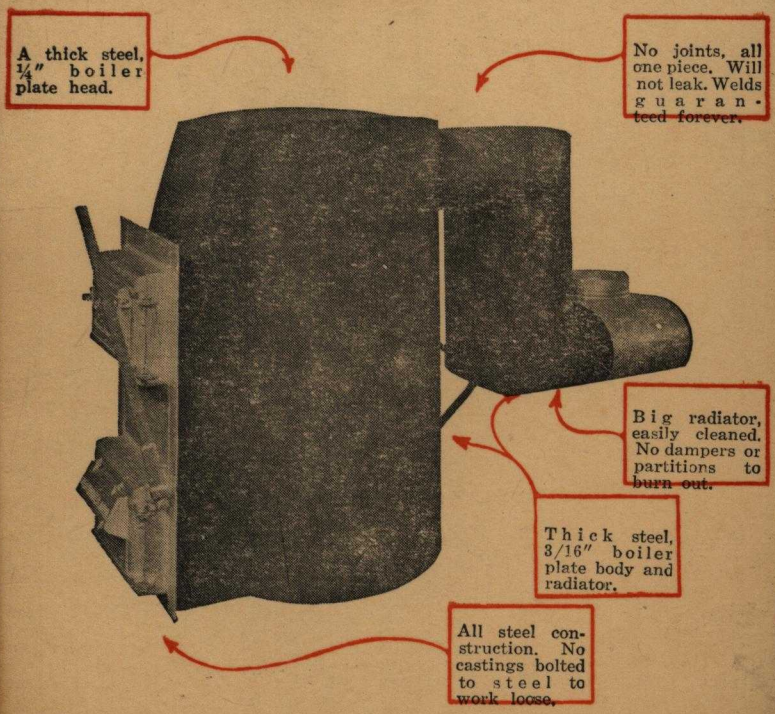
The Winter Chaser is guaranteed by the Campbell Heating Co. of Des Moines, manufacturers of the first steel furnace forty-seven years ago which is still in active service.

Hundreds of Campbell Steel Heaters are between 30 and 47 years old and giving excellent service.

The Winter Chaser was the first furnace to be guaranteed for 10 years, 16 years ago, which experience proves that the Winter C[illegible]er justifies this guarantee.

Any Winter Chaser Air Conditioning unit installed by the rules and ratings given here carries a 10 year guarantee against repairs from any cause whatever (except grates and smoke pipe), parts to be replaced free of cost, f. o. b. factory.

Campbell's Winter-Chaser


A thick steel, ¼" boiler plate head.
No joints, all one piece. Will not leak. Welds guaranteed forever.
Big radiator, easily cleaned. No dampers or partitions to burn out.
Thick steel, 3/16" boiler plate body and radiator.
All steel construction. No castings bolted to steel to work loose.

CAMPBELL HEATING CO.,
DES MOINES, IOWA

Directions to Obtain Area of Warm Air Duct for Any Room

FOR FAN SYSTEMS ONLY—90° TEMPERATURE DIFFERENCE

1. Set both slides and the band even at the bottom.
2. Figure glass area of room (full casement size, including outside doors) —net wall area (less glass)—exposed ceiling or roof area if any and cubic contents of room.
3. Move band up so bottom is even with glass area of room in column one.
4. Move first slide so bottom is even with bottom of band.
5. Move band up so bottom is even with net wall area of room, using column describing particular wall construction.
6. Move first slide again so bottom is even with bottom of band.
7. Repeat the above for roof or ceiling exposure if any.
8. Repeat using the cubic contents of the room.
9. Read square inch duct required on second slide even with bottom of first slide using the column describing the exposure of the room.
10. Register face area should be at least equal to duct area.
11. If round pipes are used select next larger standard size. (Damper all pipes.)
12. If trunk duct is used its area should equal area of branches. (Damper all branches.)
13. Wall stacks may be reduced 10% if necessary to save using two stacks or extra size.
14. Select air conditioning unit from ratings on second slide.
15. If anything is not clear or you have any questions they will be gladly answered by the engineering department of the CAMPBELL HEATING CO., Des Moines, Iowa.